

			<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>			3a. ISSUED BY:		
						Office of Naval Research 875 N. Randolph Street Suite 1425 Arlington VA 22203-1995		
4. AWARD NO.: N00014-18-1-2360			1. INSTRUMENT TYPE: Grant Award			3b. CFDA: 12.300		
			2. AUTHORITY: 10 USC 2358 and 31 USC 6304, as amended			3c. DUNS NUMBER: 003403953		
8. ACTIVITY/AGENCY PROPOSAL NO.:			5. MODIFICATION NO.:		6. MODIFICATION TYPE: NEW		7. PR NO.: 1000009325	
9. RECIPIENT PROPOSAL NO.:			10. PROPOSAL DATE: 10/20/2017			11. ACTIVITY TYPE: R&D		12. PROGRAM TYPE: ONR
13. ISSUED TO 13a. ADDRESS:		13b. CAGE: 7A720		13c. EDI/EFT NUMBER: N/A		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13		
PENNSYLVANIA STATE UNIVERSITY, THE PENN STATE 201 OLD MAIN UNIVERSITY PARK PA 16802-1503 UNITED STATES OF AMERICA								
13d. BUSINESS OFFICE CONTACT: Jennifer Lear								
13e. TELEPHONE NUMBER: 814-865-7650		13f. EMAIL ADDRESS: qul48@psu.edu						
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Stable Alloys and Compounds for High-Power Gallium Nitride Schottky Diodes								
16. FUNDING						17. CURRENT FUNDING PERIOD		
PREVIOUSLY OBLIGATED:						N/A THROUGH N/A		
OBLIGATED BY THIS ACTION:						18. PERIOD OF PERFORMANCE 08/01/2018 THROUGH 07/31/2021		
TOTAL OBLIGATED ON AWARD:								
FUTURE FUNDING:								
GRANT TOTAL:								
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)								
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Dr. Suzanne Mohny				21. TECHNICAL REPRESENTATIVE			21b. CODE:	
				21a. NAME: LYNN PETERSEN			331	
20b. TELEPHONE NUMBER: 814-863-0744				20c. EMAIL ADDRESS: sem2@psu.edu			21c. ADDRESS:	
							ONR SHIP SYSTEMS & ENGINEERING DIV 875 N. Randolph Street Arlington VA 22203-1995	
22. AWARDING OFFICE CONTACT				22b. CODE:			23b. CODE:	
22a. NAME: ERNEST L MARSHALL				BD025			N62880	
22c. ADDRESS: Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995				23a. ADMINISTRATIVE OFFICE: ONR REG Office Chicago Telephone: (312) 886-5423 Email: ONR_Chicago@navy.mil 230 South Dearborn CHICAGO IL 60604-1595				
22d. TELEPHONE NUMBER:		22e. EMAIL ADDRESS: ERNEST.MARSHALL@NAVY.MIL						
24. SUBMIT PAYMENT REQUEST TO: Same as block 23a			25a. PAYING OFFICE		25b. CODE: HQ0337		26a. PATENT OFFICE:	
			DFAS-CO/NORTH ENTITLEMENT OPERATIONS HQ0337 PO Box 182266 COLUMBUS OH 43128				Office of Naval Research ATTN: ONR Office of Counsel Intellectual Property Section One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
							26b. CODE: N00014	

AWARD NO. N00014-18-1-2360		<b>AWARD/MODIFICATION</b>		MODIFICATION NO.		
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5						
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>						
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.						
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.						
DOCUMENT		URL				
The following documents may be found at : <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (JULY 2018)  UAWA AWARD A (SEP 2017) ADDENDUM TO THE DOD R&D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS - DOMESTIC RESEARCH (MAY 2018)						
30. OPTIONS	OPTION NO.	AMOUNT	PERIOD			
(1)						
(2)						
(3)						
(4)						
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the DoD R&D general Terms and Conditions and in the additional language for Part 5 in the ONR Addendum to the DoD R&D General Terms and Conditions.						
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA			
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN			33a. SIGNATURE OF AWARDOFFICER Digitally signed by VANESSA SEYMOUR 1061137463 Dated: 2018.07.26 17:33:30 EST			
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED	33b. NAME AND TITLE OF AWARD OFFICER VANESSA SEYMOUR		33c. DATE SIGNED 07/26/2018	

## FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2360			2. SPIIN (CRITICAL)		3. MOD (CRITICAL)			4. PR NUMBER 1000009325									
CLIN/SLIN	6. LINE OF ACCOUNTING													7.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE						
											PROJ UNIT	MCC	PDLI & SUF				
	AA	1781319	W1AE	410	00	014	0	050120	2D	000000	000024	175	074	\$100,000.00			
PAGE TOTAL														\$100,000.00			
GRAND TOTAL														\$100,000.00			
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:											
DATE:						FOR FISCAL DATA AND SIGNATURE											
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED											
DATE:						DATE:											

## FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2360		2. SPIIN (CRITICAL)	3. MOD (CRITICAL)	4. PR NUMBER 1000009325		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
PAGE TOTAL						
GRAND TOTAL						
PREPARED/AUTHORIZED BY:  DATE:			COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE: _____			

AWARD NO. N00014-18-1-2360	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO.	
<p>The Following payment instructions are hereby provided:</p> <p>Payment Office:</p> <p>The payment office shall make payment in sequential ACRN order within the award, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: alpha/alpha; alpha/numeric; numeric/alpha; and numeric/numeric ACRN sequence...</p> <p>..</p> <p>Grantee:</p> <p>Payment guides are available on the ONR website at the following link: <a href="http://www.onr.navy.mil/Contracts-Grants/manage-grant/grants-payment/electronic-payment.aspx">http://www.onr.navy.mil/Contracts-Grants/manage-grant/grants-payment/electronic-payment.aspx</a>..</p> <p>..</p> <p>Reports</p> <p>Block 31 of this award form, including any information in the header and underlying rows of that block, is hereby deleted in its entirety and replaced by the following language: "The reporting requirements under this award are specified in the articles of Part 5 (Financial, Programmatic, and Property Reporting) to the DoD R&amp;D General Terms and Conditions and in the additional language for Part 5 in the ONR Addendum to the DoD R&amp;D General Terms and Conditions".</p>			